

Management Plan Template for Private Forestlands in Idaho

(This document was developed to be used as a guideline in developing forestland management plans, to assist consultants and other qualified forestry professionals in ensuring that management plans incorporate all required elements into a Landowner Forest Stewardship Plan or an NRCS Forest Management Plan.)

Owner's Name _____

Plan Author _____

☐ Forest Stewardship Plan (USFS/IDL)

An Idaho Landowner Forest Stewardship Plan (LFSP) is documentation of a landowner's commitment to promote sound forest stewardship practices on his/her property. Checking this box signifies that the landowner is submitting this plan to qualify him/her as an Idaho Forest Steward, and that the components of this plan comply with all of the criteria posted from the national Stewardship Guidelines put forth by the USDA Forest Service State & Private Forestry Division and the State of Idaho. (<http://www.fs.fed.us/spf/coop/programs/loa/fsp.shtml>)

☐ Forest Management Plan (NRCS)

An NRCS Forest Management Plan (FMP) is authorized in the Food, Conservation and Energy Act of 2008 (Section 1240 (A)). Checking this box signifies that the landowner agrees to submit this management plan as a cost-sharable management plan, and that the components of this plan comply with all of the criteria specified by the USDA Natural Resources Conservation Service. This plan will also qualify the landowner to submit future management practices for cost-share consideration under the NRCS EQIP program. Links to additional forms, instructions and planning assistance for completing NRCS FMP's can be found at: <http://www.id.nrcs.gov/>

This management plan outlines sustainable forestry guidelines necessary for the completion of an FSP and/or an FMP, aiding landowners in performing sound silvicultural management practices on their forestlands. It can qualify as a certified sustainable forest management plan by the USDA Forest Service, USDA Natural Resources Conservation Service, and the Idaho Department of Lands.



I. Property Ownership

Landowner(s) _____
(and representative, if different)

Mailing Address _____

Phone _____ E-Mail _____

Date of Original Plan Completion _____ Revision dates _____

II. Property Description

Legal property description _____

FSA Tract and Field Numbers (for FMP Plan only) _____

Nearest city or town _____ County _____

Total ownership acreage _____ Total forested acreage _____

Is there a home on the property? ☐ Yes ☐ No

Landowner resides on property? ☐ Yes ☐ No

Verification

Reviewed by an IDL Private Forestry Specialist or an NRCS Forester

Date of Property Visit _____ # of Acres Verified _____

Approved By _____ (date) _____
(IDL PFS or NRCS Forester)

Forest Landowner(s) Signature(s) _____ (date) _____
(for FMP Plan only)

NRCS District Conservationist _____ (date) _____
(for FMP Plan only)

III. Property Description/Existing Conditions

Elevation Range _____

Number of unique stands of trees, or management units _____

Based on personal knowledge, property records, local information sources, and on-the-ground observations, write a description of the ownership record, past harvest activity, existing management practices, past management activities, development of the ownership, and resource concerns. Identify resource concerns based on an inventory to assess these concerns and opportunity for treatment. The inventory will typically include site index (if site-index curves are available; otherwise, dominant height and age at breast height), basal area, timber volume estimate, average annual growth, stand age, species, soil conditions, slopes, topography, natural and cultural features, roads, wildfire risk, presence or risk of insect and disease infestation, fish and wildlife habitat elements, recreation opportunities, noxious and invasive weeds, threatened/endangered species habitat, cultural or archeological sites, wetlands delineations, carbon sequestration opportunities, water quality and other important features. *Please fill out the related worksheets in Appendix A and use this information to write up this section.*

(Note for FMP Plans, this will cross-reference to the NRCS Field Inventory Checklist.)

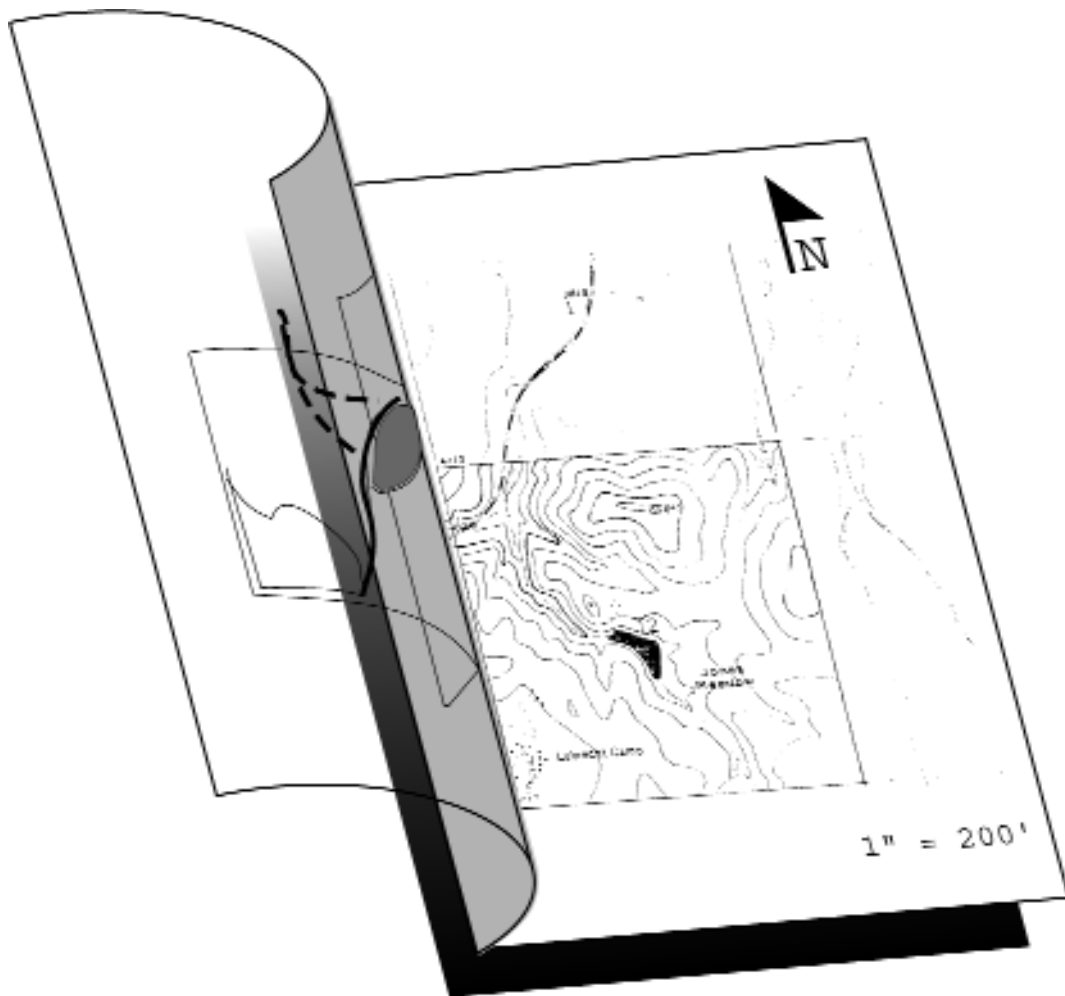
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IV. Forest Management Goals

The principal management objectives for the ownership.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

V. CONTOUR MAP

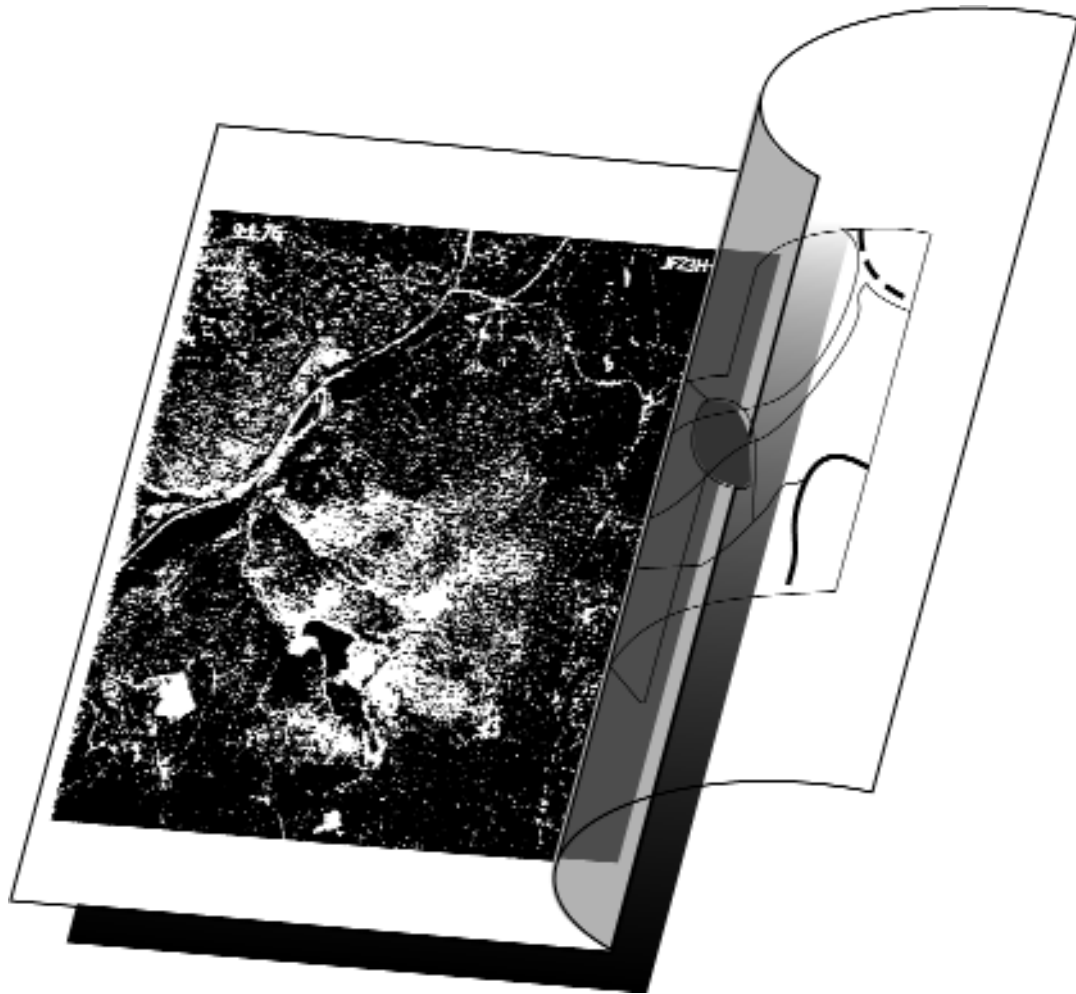


Attach property map (topographic) here.

Identify
Property Boundaries and Management Units

Include scale (e.g., 1" = 200')
and
directional arrow
on map.

VI. AERIAL PHOTO



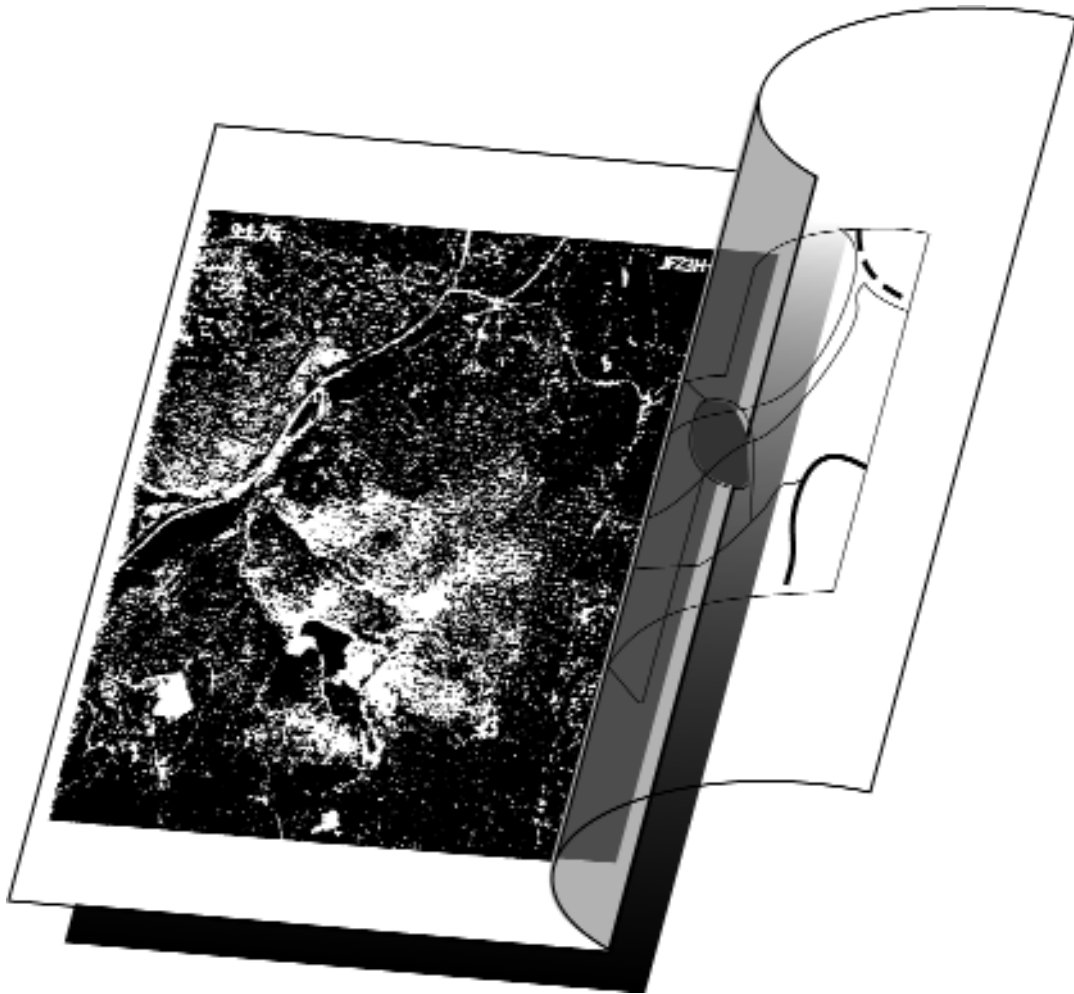
Attach aerial photograph here.

Identify
Property Boundaries and Management Units.

Include directional arrow and scale
on photo.

For free aerial photo downloads
<http://earth.google.com/>

VII. SOIL SURVEY MAP

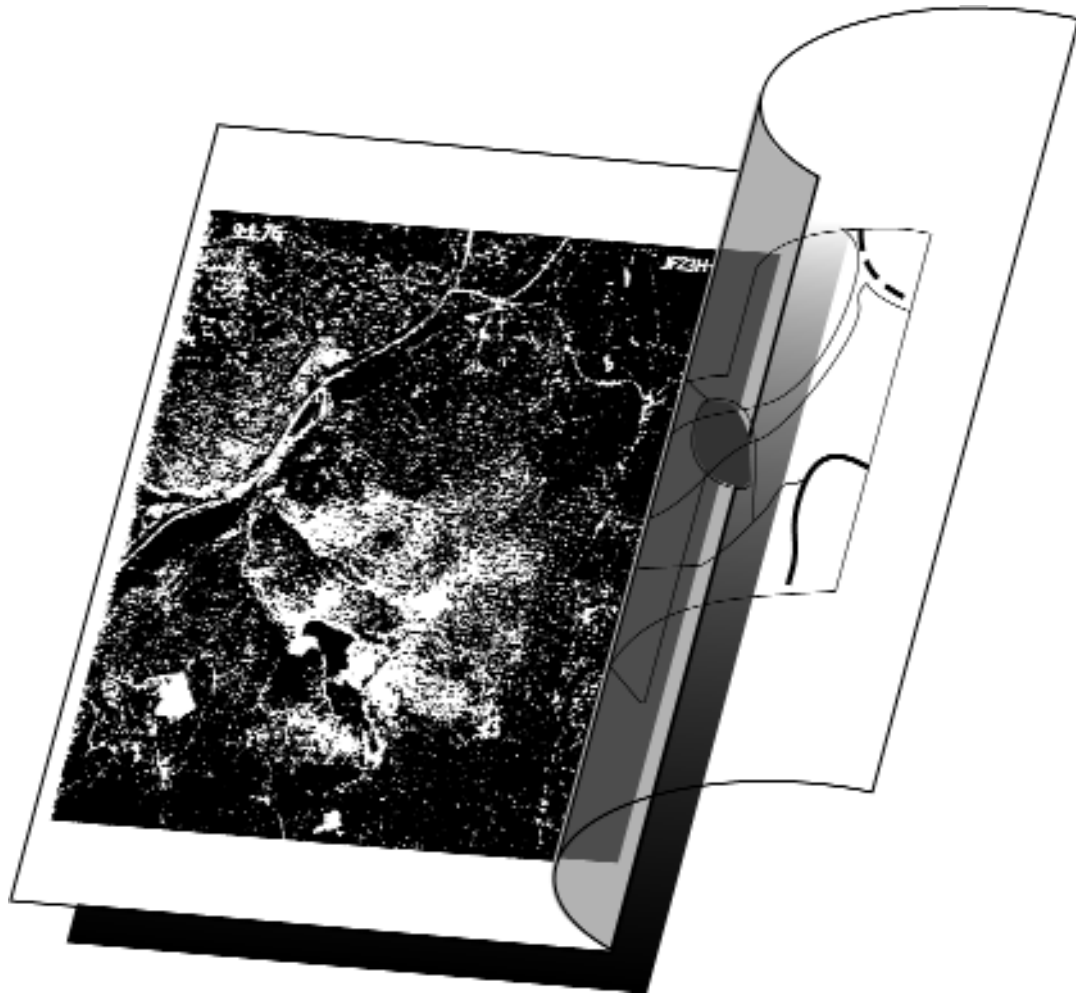


(Electronic copy of Map required for FMP Plans.)

Identify
Property Boundaries and Soil Map Units.

Include directional arrow and scale
on aerial photo.

Soil maps available at <http://websoilsurvey.nrcs.gov/app/HomePage.htm>



(Electronic copy of map required for LFSP and FMP.)

Identify
Property Boundaries and Management Units.

Include directional arrow, scale, and clearly show recommended
practices in a legend.

IX. Management Unit Descriptions

The management objectives and existing conditions on each management unit, or stand.

For each management unit, or stand, write a brief description of the forest management unit and its existing condition (from Section III), and write the landowner's specific resource-management objectives unique to that stand (from the list in Section IV). Also write descriptions of specific practice alternatives that are recommended to address resource concerns, or to meet the landowner's management goals. See Plan Map (Section VIII) for location of management units.

Unit 1 _____ Acres _____

Description of Existing Stand: *(Relating to the information presented in Section III)*

Objectives and Desired Future Conditions: *(Relating to the information presented in Section IV)*

Resource Concerns: _____

(Relating to Insects, Disease, and other resource concerns listed in Section III)

(For FMP Plans, complete the NRCS Field Resource Inventory Worksheet

http://www.id.nrcs.usda.gov/technical/cons_forms.html). _____

Practices that can be applied to address resource concerns and/or meet management objectives:

(List alternative practices.)

Unit 2 _____ Acres _____

Description of Existing Stand: (Relating to information presented in Section III)

Objectives and Desired Future Conditions: (Relating to the information presented in Section IV)

Resource Concerns: _____

(Relating to Insects, Disease, and other resource concerns listed in Section III)

(For FMP Plans, complete the NRCS Field Resource Inventory Worksheet

http://www.id.nrcs.usda.gov/technical/cons_forms.html).

Practices that can be applied to address resource concerns and/or meet management objectives:

(List alternative practices.)

Unit 3 _____ Acres _____

Description of Existing Stand: (Relating to the information presented in Section III)

Objectives and Desired Future Conditions: (Relating to the information presented in Section IV)

Resource Concerns: _____

(Relating to Insects, Disease, and other resource concerns listed in Section III)

(For FMP Plans, complete the NRCS Field Resource Inventory Worksheet
http://www.id.nrcs.usda.gov/technical/cons_forms.html).

Practices that can be applied to address resource concerns and/or meet management objectives:

(List alternative practices.)

Unit 4 _____ **Acres** _____

Description of Existing Stand: (Relating to the information presented in Section III)

Objectives and Desired Future Conditions: (Relating to the information presented in Section IV)

Resource Concerns: _____

(Relating to Insects, Disease, and other resource concerns listed in Section III)

(For FMP Plans, complete the NRCS Field Resource Inventory Worksheet

http://www.id.nrcs.usda.gov/technical/cons_forms.html).

Practices that can be applied to address resource concerns and/or meet management objectives:

(List alternative practices.)

Unit 5 _____ **Acres** _____

Description of Existing Stand: *(Relating to the information presented in Section III)*

Objectives and Desired Future Conditions: *(Relating to the information presented in Section IV)*

Resource Concerns: _____

(Relating to Insects, Disease, and other resource concerns listed in Section III)

(For FMP Plans, complete the NRCS Field Resource Inventory Worksheet

http://www.id.nrcs.usda.gov/technical/cons_forms.html).

Practices that can be applied to address resource concerns and/or meet management objectives:

(List alternative practices.)

(Add more pages as needed.)

X. Forest Harvesting Activities

Identify for which MU's you are describing your activities.

Draw impacted areas on Plan Map

Harvesting: Describe type of treatment: Even-aged: clearcut, seed tree, shelterwood, thinning; Uneven-aged: group select, single-tree select, overstory removal, understory removal, etc. Treatment methods: ground based or skyline, time of year, type of harvest, sanitation/salvage removal, density targets, etc.

Slash management (leave slash at the stump, jackpot pile, whole tree skid, chipping, pulp, post & pole, large woody debris, nutrient cycling)

Post harvest activities (burning landings, piles, or broadcast, seeding roads and landings, weed spray roadsides)

Permits (slash hazard reduction agreement, 310 permit for stream crossings)

Streamside Management Zone (is there a wetland or stream within your harvest area, is it properly marked and are the appropriate laws being followed?)

Monitoring (how often do you plan on evaluating harvest units to ensure your overall forest management goals are being met?)

XI. Management Plan Implementation Schedule

Identify for which MU's you are describing your activities.

For FMP Plans, enter NRCS Practice Code. For a list of NRCS practices and descriptions (including codes), visit: <http://efotg.nrcs.usda.gov/toc.aspx?CatID=3958>)

	Treatment Date (Season/Year)	Treatment Activity Short Description	NRCS Practice Code*	MU#	Treatment (Acres, Feet)	Applied Practice	
						Amount	Date
Years 1-2							
					subtotal		
Years 3-4							
					subtotal		
Years 5-6							
					subtotal		
Years 7-8							
					subtotal		
Years 9-10							
					subtotal		
					TOTAL		

Appendix A. Worksheet

This worksheet should be filled out by the plan author (professional forester) in collaboration with the landowner to flesh out the management plan. This worksheet is for the author's personal use to determine resource issues, landowner goals, and other specifics which need to be included in the plan, and it is ideally used during an initial walk-through of the landowner's property.

(For FMP Plans, complete the [NRCS Field Resource Inventory Worksheet](http://www.id.nrcs.usda.gov/technical/cons_forms.html), found at: http://www.id.nrcs.usda.gov/technical/cons_forms.html). Also, read through the EQIP Activity Plan Forest Mgt. Plan Checklist at: *(need this)*

Ideally, both LFSPs and FMPs will contain information regarding all of the following considerations/elements (if applicable). A parenthetical notation has been included after each element below that is required to be addressed in an LFSP.

The ***Desired Future Condition—Timber*** worksheets included in this appendix are to be used as worksheets, and can be used to provide clear illustrations of desired silvicultural management activities and targeted future stand densities to the landowner.

For this section, work with Stewardship Plan Implementation Schedule and a map. Complete the Implementation Schedule and draw and label the areas of management on your Plan Map.

Consider: *What treatments/monitoring/protection does the landowner plan on completing?*
 When will the landowner implement treatments (season, year), follow-up activities, etc?
 Where will the management take place; entire unit(s), part of a unit, acres?
 Does landowner have applicable professional help and applications for cost share?

SOCIAL & RECREATION CONSIDERATIONS

Draw impacted areas on your map

Adjacent stand or ownership concerns (how does surrounding management affect your forest and how do your actions impact your neighbors? Consider aesthetic quality, wildfire concerns, privacy, wildlife movement and habitat, noxious weeds)

Access (Does your property restrict access to public lands? Will you allow access across or to your lands? Are the boundaries posted with appropriate contact information?)

Archeological, cultural and historic sites (historical sites on property, consult with university, NRCS)
(Required for LFSP Plans and *FMP Plans*)

ROADS, SOIL AND WATER RESOURCES

What **goals** landowner has, or **steps landowner will take** to conserve and enhance their forest's roads, soil and water resources? Draw impacted areas on Plan Map.

Soil protection (steep slopes, woody debris retention, nutrient cycling, vehicle travel, soil compaction, flood runoff, livestock issues)
(Required for LFSP Plans)

Access (general maintenance, erosion potential, Best Management Practices, road surface condition, road runoff, drain-dips, culverts, stream crossings, weed control, time-of-year use)

Streams, wetlands, ponds, lakeshore (Streamside Protection Zone (SPZ), riparian habitat, wildlife, road crossings, general access, tree-retention requirements, general forest practices guidelines)
(Required for LFSP Plans and *FMP Plans*)

WILDLIFE HABITAT AND THREATENED & ENDANGERED SPECIES

Draw impacted areas on Plan Map

Fish & Wildlife (species lists, habitat improvement or creation, animal control, den sites, nest boxes, snag retention, access, hunting)

*(Required for LFSP Plans and **FMP Plans**)*

Threatened, endangered, or sensitive species - plants or animals (to request site specific information <http://mtnhp.org/requests/index.asp>)

*(Required for LFSP Plans and **FMP Plans**)*

RANGE RESOURCES

Draw impacted areas on Plan Map

Range management (grasses, forbs, brush, exotics, animal types and sustainable grazing guidelines, # pastures and animal rotation, water sources, salt block placement)

*(Required for LFSP Plans and **FMP Plans**)*

Weed management (inventory, control, monitoring, prevention guidelines)

*(Required for LFSP Plans and **FMP Plans**)*

MANAGEMENT OF TREE RESOURCES

Draw impacted areas on Plan Map

Protection from Insects & Diseases

*(Required for LFSP Plans and **FMP Plans**)*

Tree non-commercial thinning treatments

*(Required for LFSP Plans and **FMP Plans**)*

Reforestation (natural seedling recruitment, planting, site preparation)

*(Required for LFSP Plans and **FMP Plans**)*

Wildfire Hazard Reduction and Fire Resilience (away from home site; firebreaks, fuel breaks, prescribed burns, PCT, fuel reduction activities)

(Required for LFSP Plans)

Home Firewise Safety (defensible space, near home site)

(Required for LFSP Plans)

Management Plan Implementation Constraints

Carbon Sequestration Options

(Required for LFSP Plans)

Other

Desired Future Condition - Timber

MU No. _____

Desired mature tree species (% of forested area) and **expected longevity** (maximum age you expect trees to reach before they die of natural causes or are harvested)

Species	% of Forested Area	Age
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____

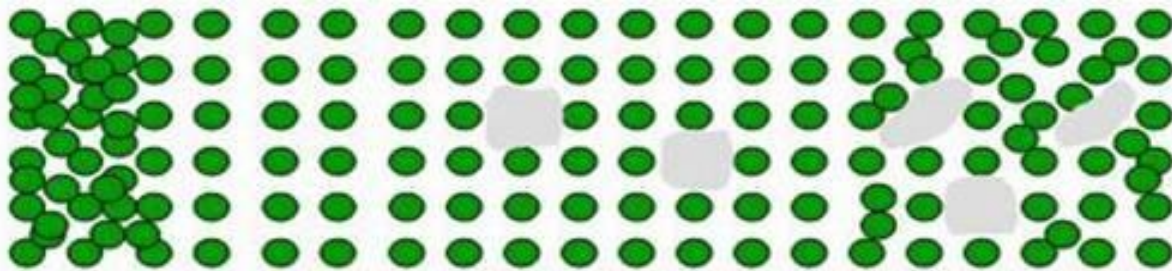
PP Ponderosa pine
DF Douglas-fir
LP Lodgepole pine
WL Larch
GF Grand fir
ES Engelmann spruce
WRC W. Red cedar
WH Western hemlock
WP White pine
SAF Sub-alpine fir
LimP Limber pine
RMJ rocky mtn. juniper
QA Aspen
CW Cottonwood Green ash

Desired species to naturally regenerate _____

Desired species to plant _____

Bird's-eye view of forest (check one)

☐ Wild stand
 ☐ Evenly spaced
 ☐ Evenly spaced with openings
 ☐ Variable density spaced with openings



Some wildlife
Maximizes growth
Growth + regeneration
Some growth + regeneration + wildlife

Desired spacing (in feet) Large (>9"DBH) _____ (ft)

Pole (5-8"DBH) _____ (ft) Seedling (<5"DBH) _____ (ft)

Size and shape of openings _____

Desired structure:



☐ One canopy layer
 ☐ Two canopy layer
 ☐ Three canopy

We could leave
 inventory met
 documentation
 TSP or whoever
 the FSP—ie, I'
 standard cruise
 etc. as back up
 Appendix A

Spacing (feet)	Trees/acre
3x3	4,840
5x5	1,742
7x7	889
10x10	436
12x12	302
14x14	222
16x16	170
18x18	134
20x20	87
25x25	70
30x30	48
40x40	27

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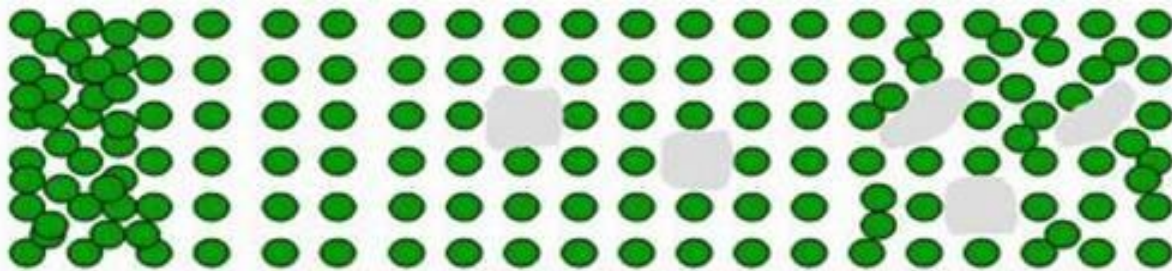
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Some wildlife

Maximizes growth

Growth + regeneration

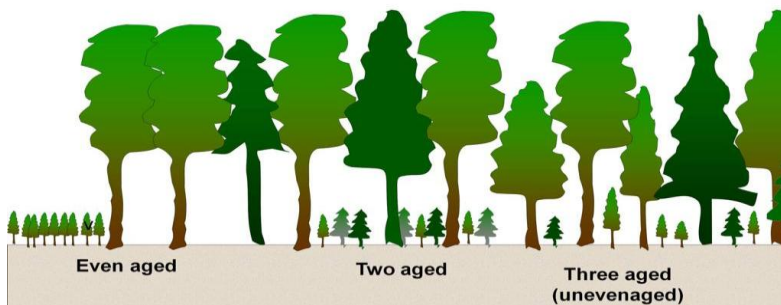
Some growth + regeneration
+ wildlife

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Size and shape of openings _____

Desired structure:



☐ One canopy layer ☐ Two canopy layer ☐ Three canopy

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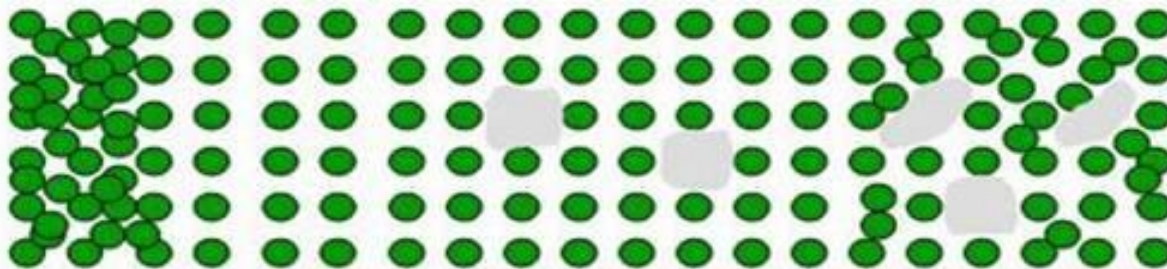
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Maximizes growth

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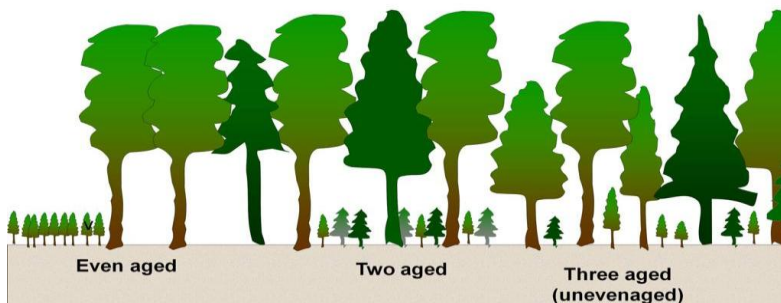
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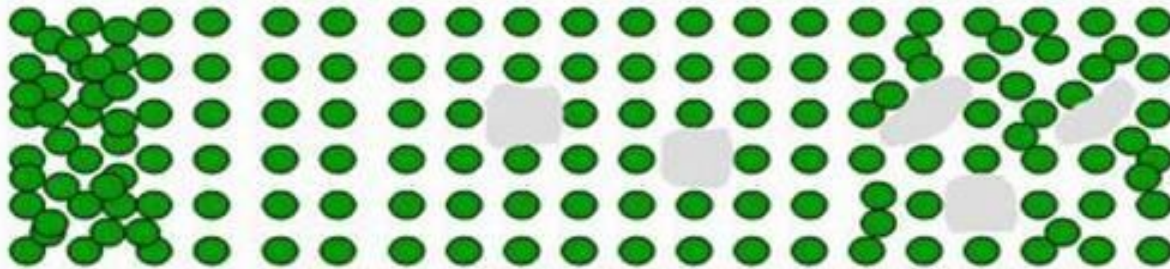
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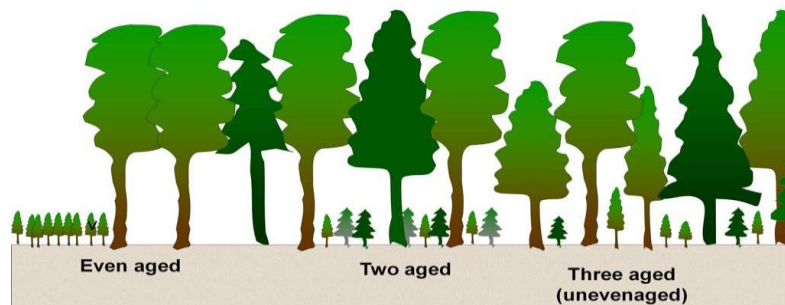
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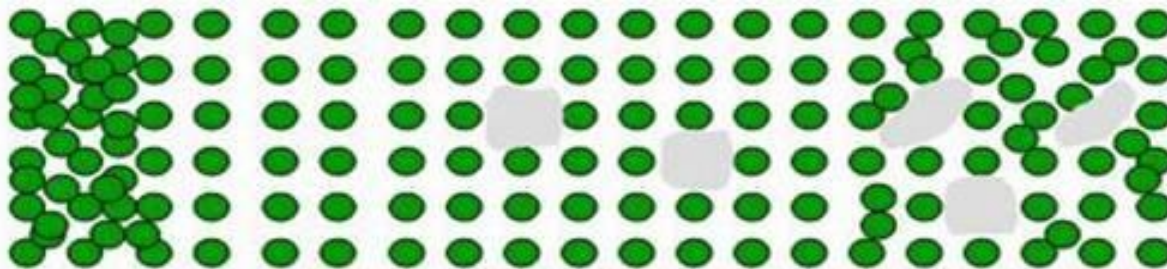
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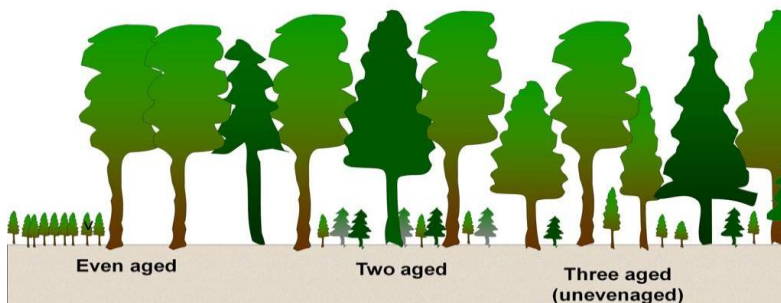
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